

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/570831.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 21:48
S2	26	(Taylo-Kevin-N Jones-Doug).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 19:33
S3	2	S2 and (CPE same (CMTS "cable modem termination system"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 19:38
S4	10	("7324515" "20030120819" "20050177861" "6853680" "7349430").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 19:52
S5	0	S4 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system") same (OOB "out-of-band" "out of band") same (DCD "downstream channel descriptor"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:00
S6	1	S4 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:00
S7	6	("20010033585"   "20010033585"   "20020001316"   "20020012353"   "20020001316"   "20020012353"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:03
S8	0	S7 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system") same (OOB "out-of-band" "out of band") same (DCD "downstream channel descriptor"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:03
S9	0	S4 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system")) and ((OOB "out-of-band" "out of band") same (DCD "downstream channel descriptor"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:04

S10	0	S7 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system")) and ((OOB "out-of-band" "out of band") same (DCD "downstream channel descriptor"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:04
S11	0	S7 and ((CPE "customer premises equipment") same (CMTS "cable modem termination system"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:05
S12	6	("20010033585"   "20010033585"   "20020001316"   "20020012353"   "20020001316"   "20020012353"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:47
S13	0	S12 and (CMTS "cable modem termination system") and ((OOB "out-of-band" "out of band") same (DCD "downstream channel descriptor"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:47
S14	1	S12 and (CMTS "cable modem termination system")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/31 20:48
S15	447	725/111.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:39
S16	7	(CMTS "cable modem termination system") same (OOB "out-of-band" "out of band") same ((CPE "customer premises equipment") with (STB (set adj top adj box)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:44
S17	81	(CMTS "cable modem termination system") same (OOB "out-of-band" "out of band") same ((CPE "customer premises equipment") (STB (set adj top adj box)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:45
S18	6	S17 and 370/352,392,450,474,487. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:46
S19	0	S17 and 375/222.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:46
S20	6	S17 and 725/111.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:46

S21	2	S17 same (downstream with channel with descript\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:48
S22	10	(CMTS "cable modem termination system") same ((CPE "customer premises equipment") (STB (set adj top adj box))) and (OOB "out-of-band" "out of band") and (downstream with channel with descript\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:49
S23	3	(CMTS "cable modem termination system") same ((CPE "customer premises equipment") (STB (set adj top adj box))) and (OOB "out-of-band" "out of band") and (downstream with channel with descript\$3) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 11:57
S24	89	(CMTS "cable modem termination system") and ((CPE "customer premises equipment") same (STB (set adj top adj box)) same (cable adj2 modem)) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:00
S25	12	(CMTS "cable modem termination system") same ((CPE "customer premises equipment") same (STB (set adj top adj box)) same (cable adj2 modem)) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:00
S26	13	(CMTS "cable modem termination system") and (OOB "out-of-band" "out of band") and ((CPE "customer premises equipment") same (STB (set adj top adj box)) same (cable adj2 modem)) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:04
S27	0	(CMTS "cable modem termination system") and ((OOB "out-of-band" "out of band") with messg\$3) and ((CPE "customer premises equipment") same (STB (set adj top adj box)) same (cable adj2 modem)) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:05
S28	0	(CMTS "cable modem termination system") same (OOB "out-of-band" "out of band") same (downstream with channel with descript\$3) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:07

S29	0	(CMTS "cable modem termination system") and (OOB "out-of-band" "out of band") same (downstream with channel with descript\$3) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:08
S30	4	(CMTS "cable modem termination system") and (OOB "out-of-band" "out of band") and (downstream with channel with descript\$3) and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:08
S31	26	(Taylo-Kevin-N Jones-Doug).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:37
S32	0	S31 and (CMTS "cable modem termination system") and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:37
S33	6	("20010033585"   "20010033585"   "20020001316"   "20020012353"   "20020001316"   "20020012353"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:38
S34	1	S33 and (CMTS "cable modem termination system") and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/05 12:38
S35	6	("20010033585"   "20010033585"   "20020001316"   "20020012353"   "20020001316"   "20020012353"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 11:23
S36	1	S35 and "cable modem" and (@ad< "20030905" @rlad< "20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 11:24
S37	0	(CMTS "cable modem termination system") same ((CPE "customer premises equipment") (STB (set adj top adj box))) and (OOB "out-of-band" "out of band") same (down\$5 with channel with descript\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 11:29
S38	0	("cable modem") same (OOB "out-of-band" "out of band") same (down\$5 with channel with descript\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 11:30

S39	18	("cable modem") same (down\$6 near5 channel near5 descript\$3) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 12:03
S40	25	("cable modem") and (down\$6 near5 channel near5 descript\$3) with messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 13:58
S41	9	("cable modem") same (down\$6 near5 channel near5 descript\$3) with messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 13:59
S42	4	(cable) same (down\$6 near3 channel near3 descript\$3) with messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:02
S43	56	(cable with modem) same (channel near3 descript\$3) with messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:36
S44	54	(cable adj2 modem) same (channel near3 descript\$3) with messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:36
S45	51	(cable adj2 modem) same (channel near3 descript\$3) near5 messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:37
S46	0	(cable adj2 modem) same (OOB "out-of-band" "out of band") same (channel near3 descript\$3) near5 messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:37
S47	33	(cable adj2 modem) with (channel near3 descript\$3) near5 messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:38
S48	31	(cable adj2 modem) same (downstream with (channel near3 descript\$3) near10 messag\$3) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:40
S49	30	(cable adj2 modem) same (downstream with (channel near3 descript\$3) near5 messag\$3) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/08 14:41

S50	1	(cable adj2 modem) same (down\$6 adj2 channel adj2 descript\$3) near5 messag\$3 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 09:09
S51	1	(cable adj2 modem) same (STB (set adj top adj box)) same (tun\$3 with (interrupt\$3 disrupt\$3 fail\$3)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:14
S52	17	(cable adj2 modem) same (STB (set adj top adj box)) same (interrupt\$3 disrupt\$3 fail\$3 reliab\$5) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:18
S53	31	(cable adj2 modem) and ((STB (set adj top adj box)) with tun\$3) same (interrupt\$3 disrupt\$3 fail\$3 reliab\$5 err\$7) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:36
S54	54	(cable adj2 modem) and ((STB (set adj top adj box)) with (tun\$3 channel frequency)) same (interrupt \$3 disrupt\$3 fail\$3 reliab\$5 err\$7) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:51
S55	7	(cable adj2 modem) same ((STB (set adj top adj box)) with (tun\$3 channel frequency)) same (interrupt \$3 disrupt\$3 fail\$3 reliab\$5 err\$7) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 12:52
S56	0	(cable adj2 modem) same ((conditional near3 access near3 unit) with (identi ID)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 14:21
S57	0	((conditional near3 access near3 unit) with (identi ID)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 14:22
S58	1	((conditional near5 access near5 unit) with (identi ID)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 14:22
S59	6	("20020012353" "20020001316" "20010033585").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/09 15:59

S60	18	(embedded adj2 cable adj modem) same (embedded adj2 (STB (set adj top adj box)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 08:04
S61	0	S60 and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 08:04
S62	0	(embedded adj3 cable adj modem) same (embedded adj3 (STB (set adj top adj box))) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 08:05
S63	6	(embedded adj3 cable adj modem) and (embedded adj3 (STB (set adj top adj box))) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 08:05
S64	0	DOCSIS and (cable near3 modem) and (DCD "downstream channel descriptor") and (OOB "out-of-band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:10
S65	1	(cable near3 modem) and (DCD "downstream channel descriptor") and (OOB "out-of-band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:11
S66	3	(cable adj2 modem) and (DCD ("downstream adj2 channel adj2 descript\$3)) and (OOB "out-of- band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:13
S67	47	(DCD ("downstream adj2 channel adj2 descript\$3)) and (OOB "out-of- band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:14
S68	7	(DCD ("downstream adj2 channel adj2 descript\$3)) same3 (OOB "out- of-band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:14
S69	5	cable same3 (DCD ("downstream adj2 channel adj2 descript\$3)) and (OOB "out-of-band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:16

S70	13	DOCSIS and (cable near3 modem) and (DCD (downstream adj2 channel adj2 descriptor\$3)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/01 15:19
S71	3	(cable near5 modem) same3 (fail\$3 interrupt) same (remain\$3 stary\$3) with (tunnel channel) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/11/02 21:17
S72	15	("20020019984"   "20020071440"   "20020143565"   "20020191635"   "20030048380"   "20030120819"   "20030200548"   "20040030804"   "20040261126"   "20050177861"   "20050228877"   "20080010300"   "6853680"   "7194756"   "7287257"). PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2011/03/05 09:39
S73	47	(DCD (downstream adj2 channel adj2 descriptor\$3)) and (OOB "out-of-band" (out adj2 band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/05 09:41
S74	0	S72 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/05 09:41
S75	0	S72 and (cable with modem) and (DCD (downstream adj2 channel adj2 descriptor\$3)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/05 09:45
S76	0	S72 and (DCD (downstream adj2 channel adj2 descriptor\$3)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/03/05 09:45
S77	0	((CPE "customer premise equipment") near5 (ID identify\$7)) same match\$3 same (DCD "downstream channel descriptor" (channel adj information)) with (message packet) and modem with tun\$3 with (tunnel channel) same (OOB (out adj of adj band)) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 15:24

S78	0	((CPE "customer premise equipment" terminal) with (ID identify\$7)) same match\$3 same (DCD "downstream channel descriptor" (channel adj information)) with (message packet) and modem with tun\$3 with (tunnel channel) same (OOB (out adj of adj band)) with (message packet) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 15:27
S79	0	((CPE user customer client terminal device station) with (ID identify\$7)) same match\$3 same (DCD "downstream channel descriptor" (channel adj information)) with (message packet) and modem with tun\$3 with (tunnel channel) same (OOB (out adj of adj band)) with (message packet) and (@ad<"20030905" @rlad<"20030905")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 15:33
S80	1	((CPE user customer client terminal device station) with (ID identify\$7)) same match\$3 same (DCD "downstream channel descriptor" (channel adj information)) with (message packet) and modem with tun\$3 with (tunnel channel) same (OOB (out adj of adj band)) with (message packet)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/09 15:34

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